

GE Aviation Madisonville Re-lamp Project Highlights

- 1,486 HID lights replaced with T-8 lights
- \$194,000 in matching stimulus ARRA funds
- 3,168,000 Kilowatts hours reduced on annual basis
- 3,124,000 lbs. of carbon dioxide reduced on annual basis
- 9 month payback on GE's \$194,000 investment
- \$264,000 annual savings in lighting costs
- 40% increase in lighting at work stations

In 2010 GE Aviation Madisonville was awarded American Recovery and Reinvestment Act (ARRA) funds through the Kentucky Cabinet for Economic Development to pay for 50% of the costs to retrofit the Madisonville facility with energy efficient T-8 lights. This project was completed by local electrical contractor, William E. Groves Construction.

The primary goal of the project was to reduce energy costs while also reducing carbon dioxide emissions. GE Madisonville's Leadership Team has been extremely pleased with the results of the project. The T-8 lights produce 40% more light, yet cost \$22,000 less per month to operate. The reduction in costs for lighting is exceeding original estimates. Production workers at the Madisonville plant are enjoying the improved light quality at their work stations.



Before lighting

New lighting

